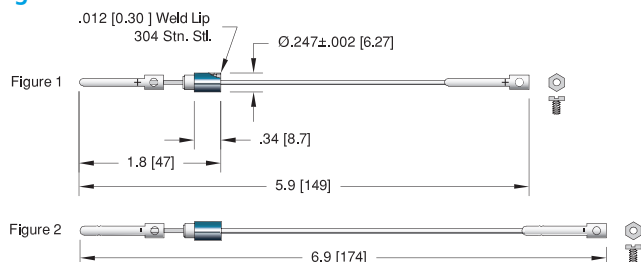
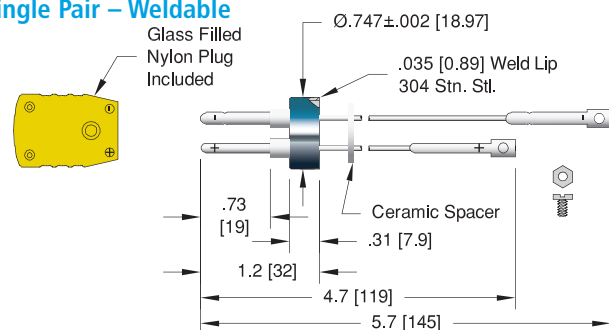
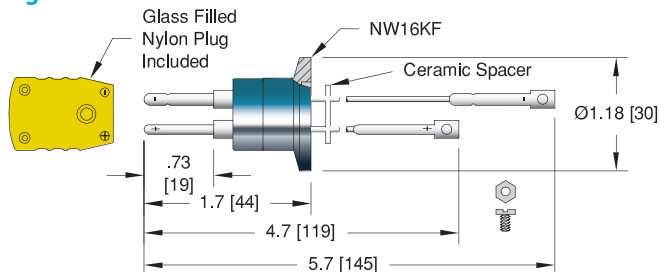
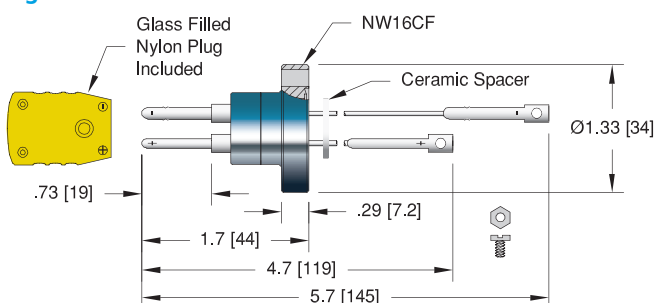
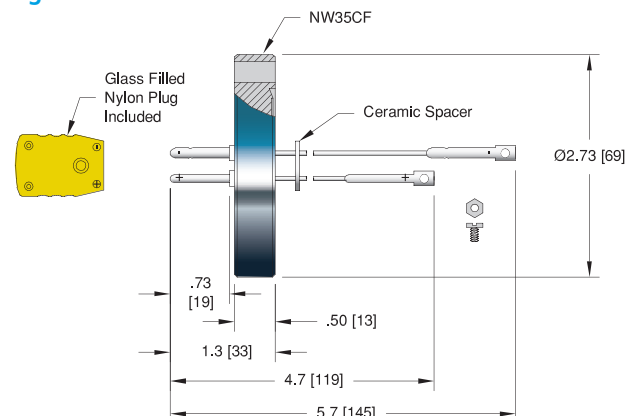
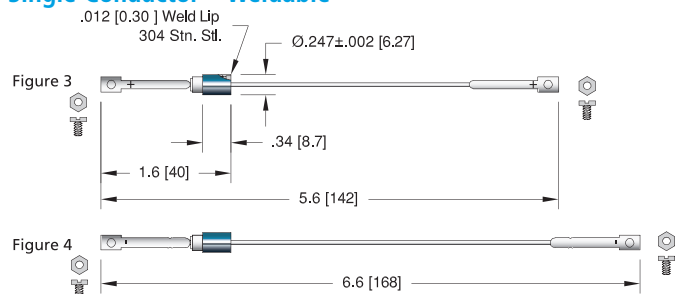
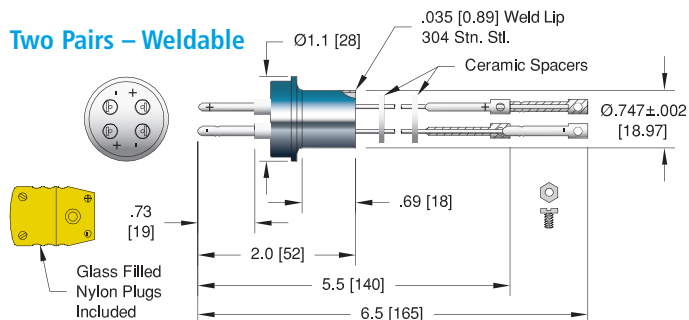
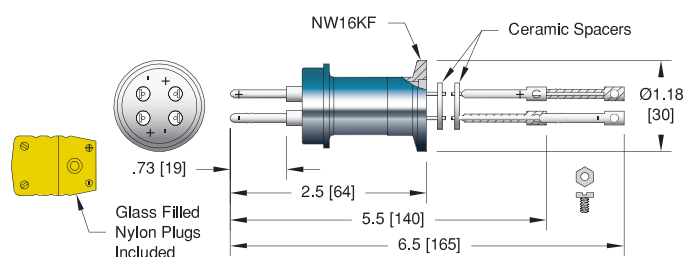
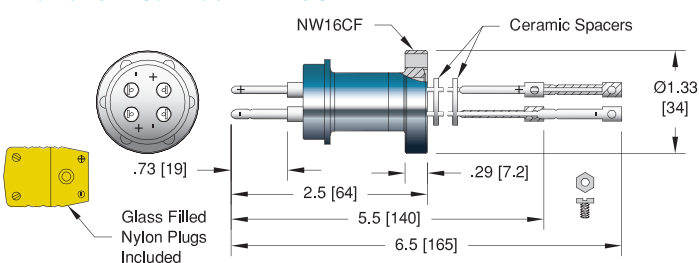
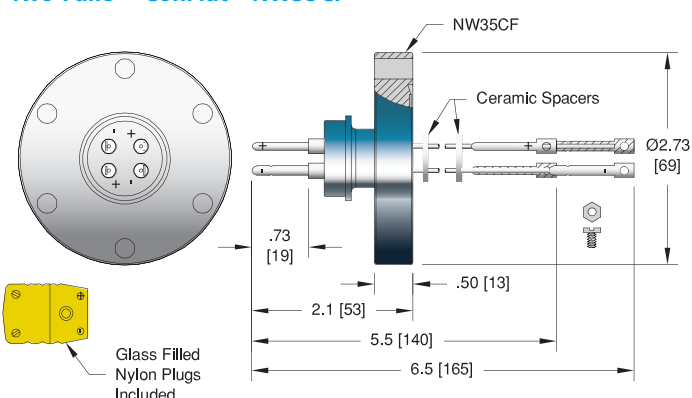
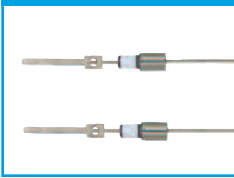


Single Conductor – Weldable**Single Pair – Weldable****Single Pair – ISO KF - NW16KF****Single Pair – ConFlat - NW16CF****Single Pair – ConFlat - NW35CF****Single Conductor – Weldable****Two Pairs – Weldable****Two Pairs – ISO KF - NW16KF****Two Pairs – ConFlat - NW16CF****Two Pairs – ConFlat - NW35CF**

**Weldable
Single Conductor**

THERMOCOUPLE MATERIALS	FIGURE NUMBER	INSTALLATION
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Chromel	1	Weld
Alumel	2	Weld
Chromel	3	Weld
Alumel	4	Weld

PART NUMBER

18085-02-W
18085-06-W
18085-08-W
18085-12-W

**Weldable
1 or 2 Pairs**

ANSI TYPE	THERMOCOUPLE MATERIALS	INSTALLATION	NO. OF PAIRS
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K	Chromel/Alumel	Weld	1
C	Tungsten-Rhenium*	Weld	1
K	Chromel/Alumel	Weld	2
C	Tungsten-Rhenium*	Weld	2

PART NUMBER

8117-01-W
8117-04-W
8233-01-W
8233-04-W

**ISO KF
1 or 2 Pairs****ISO FLANGE**

K	Chromel/Alumel	NW16KF	1	13563-01-KF
C	Tungsten-Rhenium*	NW16KF	1	13563-04-KF
K	Chromel/Alumel	NW16KF	2	18003-01-KF
C	Tungsten-Rhenium*	NW16KF	2	18003-03-KF

**ConFlat
1 or 2 Pairs****CONFLAT FLANGE**

K	Chromel/Alumel	1 1/3" (NW16CF)	1	8118-01-CF
C	Tungsten-Rhenium*	1 1/3" (NW16CF)	1	8118-04-CF
K	Chromel/Alumel	2 3/4" (NW35CF)	1	10583-01-CF
C	Tungsten-Rhenium*	2 3/4" (NW35CF)	1	10583-03-CF
K	Chromel/Alumel	1 1/3" (NW16CF)	2	8232-01-CF
C	Tungsten-Rhenium*	1 1/3" (NW16CF)	2	8232-04-CF
K	Chromel/Alumel	2 3/4" (NW35CF)	2	8593-01-CF
C	Tungsten-Rhenium*	2 3/4" (NW35CF)	2	8593-04-CF

Air Side Plug

ANSI TYPE	THERMOCOUPLE MATERIALS	TYPE	MATERIALS	TEMPERATURE °C MIN MAX	COLOR CODE
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K	Chromel/Alumel	Standard	Glass Filled Nylon	-29 218	Yellow
K	Chromel/Alumel	High Temp	Ceramic	-73 650	Yellow
C	Tungsten-Rhenium	Standard	Glass Filled Nylon	-29 218	Red
C	Tungsten-Rhenium	High Temp	Ceramic	-73 250	Red

PART NUMBER

08151-01
08151-09
08151-04
08151-07

*Uses compensating wire. Maximum junction temperature 250° C. See the Accessories section for more information on all accessories.

Specifications - Single Conductor

Materials

Shell: 304 Stainless steel
 Thermocouple materials:
 Chromel
 Alumel
 Insulation: Alumina ceramic
 Magnetic Materials:
 Chromel: No
 Alumel: Yes

Temperature Range -269°C to 450°C

Pressure @ 20°C 3500 PSIG (241 Bar), ISO KF 0 PSIG

Specifications - 1 or 2 Pairs

Materials

Shell: 304 Stainless steel
 Thermocouple materials:
 Chromel/Alumel (Type K)
 Tungsten-Rhenium (Type C)
 Insulation: Alumina ceramic
 Magnetic Materials: Yes

Temperature Range -269°C to 450°C

Pressure @ 20°C ISO KF 0 PSIG

1 Pair: 1250 PSIG (86 Bar)
 2 Pairs: 800 PSIG (55 Bar)

Feedthrough

Multipin Connector

Coaxial

Thermocouple

Isolator

Viewport

Pressure

Accessories

Technical Reference

Feedthrough

Multipin Connector

Coaxial

Thermocouple

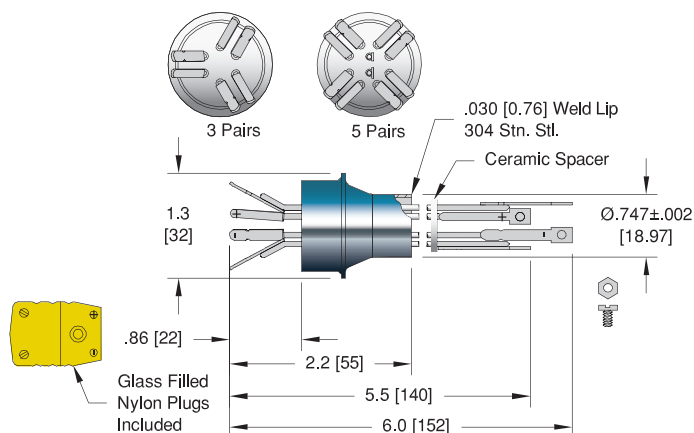
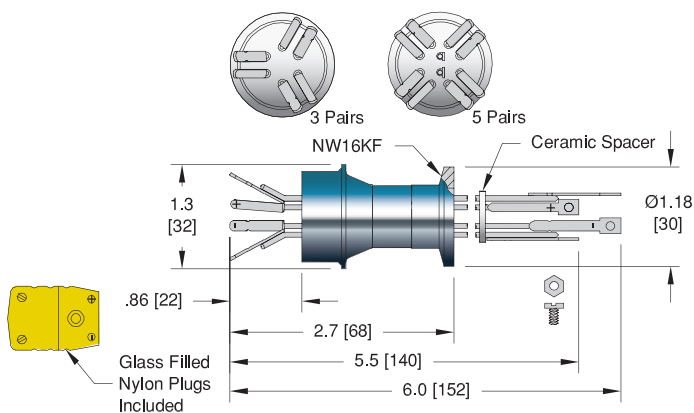
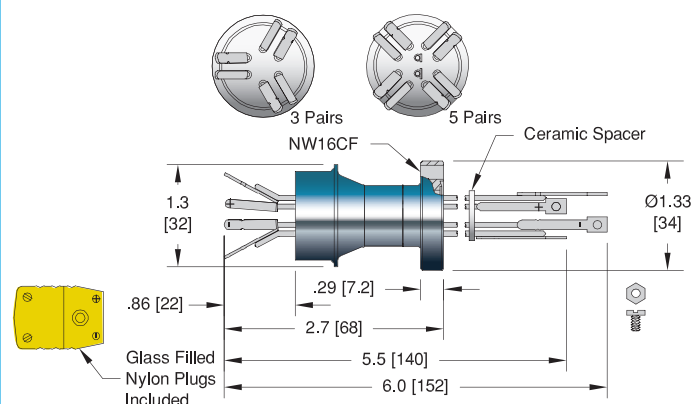
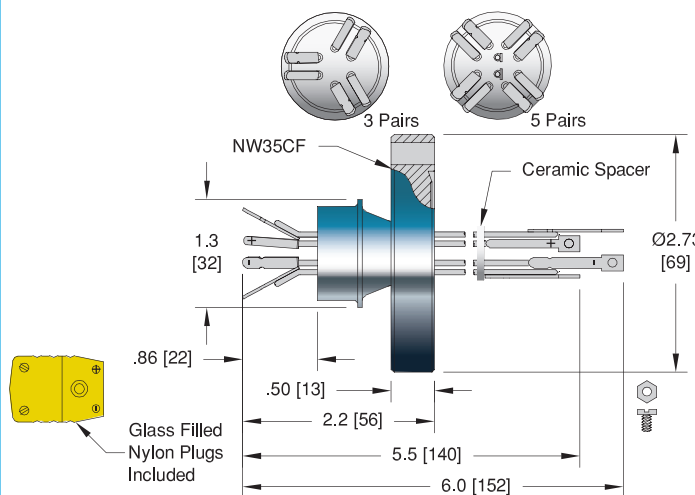
Isolator

Viewport

Pressure

Accessories

Technical Reference

Weldable**ISO KF****ConFlat – NW16CF****ConFlat – NW35CF****Specifications****Materials**

Shell: 304 Stainless steel

Thermocouple materials:

Chromel/Alumel (Type K)

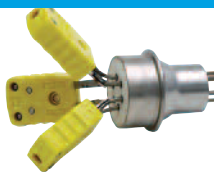
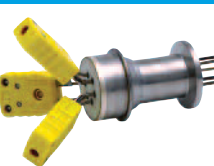
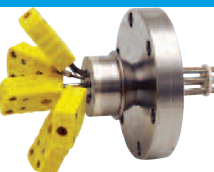
Insulation: Alumina ceramic

Magnetic Materials: Yes

Temperature Range -269°C to 450°C**Pressure @ 20°C** ISO KF 0 PSIG

3 Pairs: 400 PSIG (28 Bar)

5 Pairs: 350 PSIG (24 Bar)

**Weldable
3 or 5 Pairs****ISO KF
3 or 5 Pairs****ConFlat
3 or 5 Pairs****Air Side Plug**

ANSI TYPE	THERMOCOUPLE MATERIALS	INSTALLATION	NO. OF PAIRS	PART NUMBER
K	Chromel/Alumel	Weld	3	18618-01-W
K	Chromel/Alumel	Weld	5	18619-01-W

ISO FLANGE

K	Chromel/Alumel	NW16KF	3	18618-02-KF
K	Chromel/Alumel	NW16KF	5	18619-02-KF

CONFLAT FLANGE

K	Chromel/Alumel	1 1/3" (NW16CF)	3	18618-03-CF
K	Chromel/Alumel	1 1/3" (NW16CF)	5	18619-03-CF
K	Chromel/Alumel	2 3/4" (NW35CF)	3	18618-04-CF
K	Chromel/Alumel	2 3/4" (NW35CF)	5	18619-04-CF

ANSI TYPE	THERMOCOUPLE MATERIALS	TYPE	MATERIALS	TEMPERATURE °C		COLOR CODE	PART NUMBER
K	Chromel/Alumel	Standard	Glass Filled Nylon	MIN	MAX		
K	Chromel/Alumel	High Temp	Ceramic	-29	218	Yellow	08151-01
K	Chromel/Alumel			-73	650	Yellow	08151-09

See the Accessories section for more information on all accessories.

Feedthrough

Multipin Connector

Coaxial

Thermocouple

Isolator

Viewport

Pressure

Accessories

Technical Reference